



CUSTOMER NO.  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Richard A. Johnson

Title: Tuner for Radio Frequency Receivers and Associated Method

App. No.: 10/784,838 Filed: 02/23/2004

Examiner: LE, Lana N. Group Art Unit: 2618

Atty. Dkt No.: 1052-0199 (SILA:199) Confirmation No.: 1480

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**M/S AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned is providing the patents, publications, applications or other information identified in the attached:

Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
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an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;

a representation that a search has been made, other than as described below; or

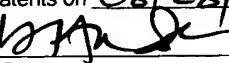
an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

09/05/2006 HDEMESS1 00000010 503797 10784838

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents on 08/28/2006.

Laura H. Andre  
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Signature

## FEES DUE

This Information Disclosure Statement is being filed:

within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.

before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a patent office in a foreign counterpart application not more than three months prior to the filing of this Information Disclosure Statement.

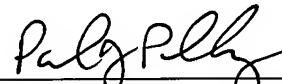
during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.

during the period specified in § 1.97(d). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.

The Commissioner is hereby authorized to charge any fees due, or refund any credit to Deposit Account 50-3797 of Larson Newman Abel Polansky & White, LLP.

Respectfully submitted,

8/28/06  
Date

  
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

3

## Complete if Known

Application Number	10/784,838
Filing Date	02/23/2004
First Named Inventor	Richard A. Johnson
Art Unit	2618
Examiner Name	LE, Lana N.

Attorney Docket Number 1052-0199 (SILA:199)

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
C1	US-	2003/0223525	12/04/2003	Momtaz et al.	
C2	US-	2005/0239499	10/27/2005	Oosawa et al.	
C3	US-	6,963,734	11/08/2005	Sorrells et al.	
C4	US-	6,867,693	03/15/2005	Radin, Lon B.	
C5	US-	6,829,311	12/07/2004	Riley, Tom	
C6	US-	6,785,529	08/31/2004	Ciccarelli et al.	
C7	US-	6,330,290	12/11/2001	Glas, Jack P.	
C8	US-	6,249,179	06/19/2001	Maalej et al.	
C9	US-	6,154,640	11/28/2000	Itoh et al.	
C10	US-	5,867,535	02/02/1999	Phillips et al.	
C11	US-	5,828,955	10/27/1998	Lipowski et al.	
C12	US-	5,826,180	10/20/1998	Golan, Mordechay	
C13	US-	5,640,698	06/17/1997	Shen et al.	
C14	US-	5,544,200	08/06/1996	An, Song H.	
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C17	US-	4,975,699	12/04/1990	Frey, Gary D.	
C18	US-	4,944,025	07/24/1990	Gehring, Mark R.	
C19	US-	4,926,130	05/15/1990	Weaver, Lindsay A.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
C20		WO 87/01531	87-Mar-12	Motorola		
C21						
C22						
C23						
C24						
C25						

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/784,838
Sheet	2	of	3	Filing Date	02/23/2004
				First Named Inventor	Richard A. Johnson
				Art Unit	2618
				Examiner Name	LE, Lana N.
				Attorney Docket Number	1052-0199 (SILA:199)

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		Number-Kind Code <sup>2</sup> (if known)			
C26	US-	4,817,167	03/28/1989	Gassmann, Gerhard-Guenter	
C27	US-	4,803,700	02/07/1989	Dewey et al.	
C28	US-	4,653,117	03/24/1987	Heck, Joseph P	
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C30	US-	4,346,477	08/24/1982	Gordy, Robert S.	
C31	US-	5,440,587	08/08/1995	Ishikawa et al.	
C32	US-	4,464,770	08/07/1984	Maurer et al.	
C33	US-				
C34	US-				
C35	US-				
C36	US-				
C37	US-				
C38	US-				
C39	US-				
C40	US-				
C41	US-				
C42	US-				
C43	US-				
C44	US-				

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
C45						
C46						
C47						
C48						
C49						
C50						

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<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	1-C	"A GSM/GPRS Mixed Signal Baseband IC," Redmond, David. et al., IEEE Int'l. Solid State Circuits Conference (ISSCC), Digest of Technical Papers, XP010585465, February 2002, Sec. 3.6				
	2-C	"Optimized Digital Signal Processing for Flexible Receivers," Brückmann, Dieter et al., IEEE Int'l (ICASSP), XP010804418, 2002, pp. IV - 3765-3766				
	3-C					
	4-C					
	5-C					
	6-C					
	7-C					
	8-C					
	9-C					
	10-C					

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